



INDIAN INSTITUTE OF TECHNOLOGY
(Indian School of Mines) Dhanbad
(An autonomous institute under Ministry of HRD, Government of India)



No.: DST-SERB-(199)/2018-2019/588/APH

Dated: August 30, 2018

JRF Position under SERB Research Project

Applications are invited from Indian nationals for the position of ONE Junior Research Fellow (JRF) under the SERB (DST, New Delhi) sponsored research project. The details of the research project are as per the following:

Position:	Junior Research Fellow (01 post)
Project Title:	<i>Robust Supercapacitive Performance of the Polymeric Matrix, Nanoscale Organic and Inorganic Filler Reinforced Nanohybrid Electrode Materials for Battery Replacement”.</i>
Sponsoring Agency:	SERB, Department of Science and Technology, Government of India, New Delhi.
Principal Investigator:	Dr. R.B. Choudhary, Nanostructured Composite Materials Laboratory (NCM Lab.) Department of Applied Physics, Indian Institute of Technology (IIT-ISM) Dhanbad - 826004 (Jharkhand) E-mail: <rbchoudhary@iitism.ac.in> Phone No: 0326-223-5282 (Office), 0326-223-5881 (Cabin).
Tenure of the Project:	Three (03) years.
Tenure of Assignment:	The position is available initially for one (01) year. It will be further extended annually subject to the satisfactory performance of the candidate till the completion of the project.
Job Description:	The project is purely designed to synthesize polymer based nanocomposite electrode materials for battery replacement, their analytical characterizations, performance evaluation measurements, supercapacitive data analyses and their interpretations.
Enrolment in Ph.D.:	Selected candidate may be allowed to enroll for Ph.D. program in the Department of Applied Physics, Indian Institute of Technology as per the rules of institute IIT-ISM.
Essential Qualification:	M.Sc. in Physics with at least 60% marks or 7/10 CGPA with a valid a GATE/ CSIR-UGC-NET JRF/ LS.
Desirable Qualification:	Computer programming skills and knowledge of supercapacitors’ mechanism of action.
Age and Relaxation:	Maximum 30 years for the general candidates. Age relaxation is upto 3 years for OBC candidates. Relaxable upto 5 years for SC/ ST/ PH/ Female Candidates.
Project Fellowship:	Rs. 25000/- per month as per SERB/institute rules for the first 2 years. Rs. 28000/- per month as per SERB/institute rules for the 3 rd year.
Last date & Time:	21 st September, 2018; 5.00 pm (IST).

How to Apply:

Interested candidates may send hard copy of their applications with attested copies of all degree and experience certificates by speed post at the address of **Principal Investigator** shown above **Latest by 21st September, 2018**. Eligible and selected candidates will be called for an interview. This is purely a temporary position. Mere possession of eligibility does not guarantee a call for interview. Candidates will be shortlisted as per the requirement of project. No TA/DA will be paid to attend the interview for this post.

(Principal Investigator)